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ATTORNEY DOCKET NO.: 0492611-0507 (MIT 10396)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Chen et al. Examiner:  
Serial No.: 10/674,087 Art Unit: 1644  
Filing Date: September 29, 2003  
Title: Compositions and Methods for Delivery of Short Interfering RNA  
and Short Hairpin RNA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**TRANSMITTAL LETTER**

Enclosed are the following documents:

1. Form PTO-1449 (6 page);
2. Information Disclosure Statement (5 pages);
3. Transmittal Letter (1 page)
4. Cited Art (98); and
5. Return Postcard.

If any additional fees are required to be paid or if any overpayment has been made, please charge same to Deposit Account No. 03-1721.

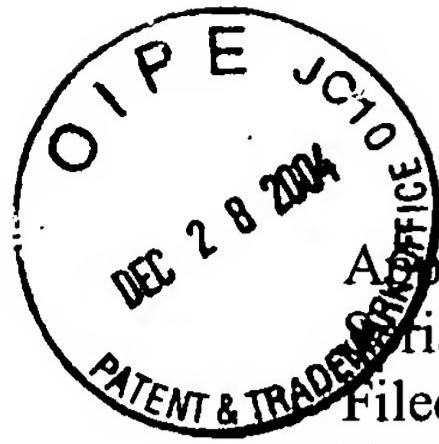
Respectfully submitted,

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Dated: Dec. 20, 2004  
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For: Compositions and Methods for Delivery of Short Interfering RNA and Short Hairpin RNA

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to the duty of disclosure under 37 CFR §§ 1.56, 1.97 and 1.98, Applicant requests consideration of this Information Disclosure Statement.

**Type of Statement**

The present Information Disclosure Statement is:

- An *original* Information Disclosure Statement; or  
 A *supplemental* Information Disclosure Statement.

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12-28-04 Sandra Saccoccia  
Date Signature

Sandra Saccoccia  
Name of Person Signing

Compliance with 37 CFR § 1.97

The present Information Disclosure Statement is being filed:

- [X] Pursuant to 37 CFR § 1.97(b); no fee or certification is required:
- [ ] Within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
- [ ] Within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- [X] Before the mailing of a first Office action on the merits; or
- [ ] Before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.
- [ ] Pursuant to 37 CFR § 1.97(c) after the dates listed above but before the mailing date of any of a final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *either*:
- [ ] Certifies that *either*:
- [ ] each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
- [ ] That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual

designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement; or

- [ ] Includes herewith the fee set forth in § 1.17(p),
- [ ] Pursuant to 37 CFR § 1.97(d), after the mailing date of any final action under § 1.113, a notice of allowance under § 1.311, or an action that otherwise closes prosecution in the application; Applicant hereby *both*:
  - [ ] Certifies that *either*:
    - [ ] each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement; or
    - [ ] That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement; and
  - [ ] Includes herewith the fee set forth in § 1.17(p).

Content of the Information Disclosure Statement

Applicant hereby makes of record in the above-identified application the reference(s) listed on the attached form PTO-1449 (modified). The order of presentation of the references should not be construed as an indication of the importance of the references.

Applicant includes copies of references as indicated below:

- [X] A copy of each cited reference not indicated with an asterisk is included;
- [ ] Copies of references indicated with an asterisk on the attached form PTO-1449 are not included pursuant to 37 CFR § 1.98(d) because they were previously provided to the United States Patent Office in an Information Disclosure Statement that complies with 37 CFR § 1.98(a)-(c) and was submitted in the following patent application that is relied upon in the present case for an earlier effective filing date under 35 USC § 120:

Serial Number	Filing Date	Status

- [ ] Copies of English translations of one or more non-English references are included.

Applicant hereby makes the following additional information of record in the above-identified application:

Applicant certifies that the Information Disclosure Statement *either*:

- [X] Does not contain non-English language citations;
- [ ] Includes one or more translations of a non-English citation; or
- [ ] Does contain non-English language citations, of which the following is a concise explanation:

Remarks

The submission of this Information Disclosure Statement should not be construed as a representation that a search has been made.

The submission of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b).

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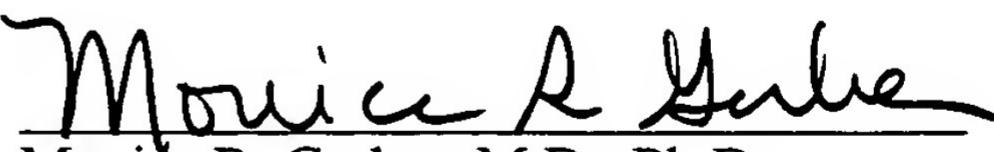
It is respectfully requested that:

1. The Examiner consider completely the cited information, along with any other information, in reaching a determination concerning the patentability of the present claims;
2. The enclosed form PTO-1449 be signed by the Examiner to evidence that the cited patent(s) and publication(s) has (have) been fully considered by the Patent and Trademark Office during the examination of this application; and
3. The citations for the patent(s) and publication(s) be printed on any patent which issues from this application.

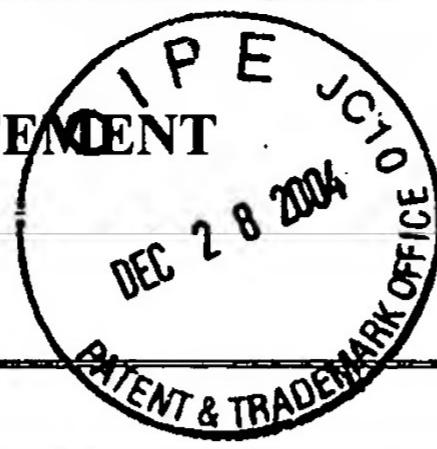
Notwithstanding any statements by Applicants, the Examiner is urged to form his or her own conclusions regarding the relevance of the cited reference(s).

Respectfully submitted,

Dated: Dec. 20, 2004

  
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*(Use several sheets if necessary)*

Applicant: Chen, et al.

Filing Date: September 29, 2003      Group:

**U.S. PATENT DOCUMENTS**

Examiner's Initials	U.S. Patent No.	Applicant	Issue Date	Class	Subclass

**U.S. PATENT APPLICATIONS**

Examiner's Initials:	Publication Number:	Applicant:	Publication Date:	Group:	Art Unit:
	2002/0127620	Witman et al.	September 12, 2002		
	2002/0061861	Herweijer et al.	May 23, 2002		
	2002/0081736	Conroy et al.	June 27, 2002		

**FOREIGN PATENT DOCUMENTS**

Examiner's Initials	Document No.	Country	Date	Translation	
				Yes	No
	WO 01/75164	PCT	11 October 2001		

**OTHER DOCUMENTS**

Examiner's Initials	Citation (Including Author, Title, Date, Pertinent Pages, Etc.)
	Ahn, et al., "Biodegradable Poly(Ethylenimine) for Plasmid DNA Delivery", <i>J. Control. Release</i> , <b>80</b> : 273-282, 2002.
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	Lavik, et al., "A Simple Synthetic Route to the Formation of a Block Copolymer of Poly(lactic-co-glycolic acid) and Polylysine for the Fabrication of Functionalized, Degradable Structures for Biomedical Applications", <i>J. Biomed Mater Res (Appl Biomater)</i> , <b>58</b> : 291-294, 2001.
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International Search Report issued for corresponding PCT application PCT/US03/30508.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.